



BISON

Bison Oil Well Cementing Inc.
 1547 Gaylord Street
 Denver, CO 80206
 303-296-3010

Invoice

Date	Invoice #
4/7/2013	11739

Bill To
Noble Energy Inc. Attn: Accounting 1625 Broadway Ste 2000 Denver, CO 80202

Location	Well Name & No.	Terms	Job Type		
Weld CO	Hunt LF 18-62HII	Net 30	Surface Pump		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	PSI Testing	1			
	Subtotal of Services				
BFN III Winter ...	BFN III Blend	422	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				
	Subtotal of Materials				

Please Remit Payment To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$9,277.54
Sales Tax (2.9%)	\$269.15
Total	\$9,546.69
Balance Due	\$9,546.69

BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street
 Denver, Colorado 80206
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net



INVOICE #
 LOCATION
 FOREMAN

11739
 Hwy 14+95
 Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
4-7-13	HUNT LF 18-CCMH	19	8N	60W	Weld
BILL TO		CONSULTANT			
Noble		KEVIN C / WOODY B			
OWNER		RIG NAME & NUMBER			
Noble		PD Rig 829			
MAILING ADDRESS		DISTANCE TO LOCATION		UNITS ON LOCATION	
		53 miles		3106/3210	
CITY		TIME REQUESTED		TIME ARRIVED ON LOCATION	
		9:00 pm		7:00 pm	
STATE, ZIP		TIME LEFT LOCATION			
		1:00 am			

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
630		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
627.54		
CASING WEIGHT	PACKER DEPTH	
3616		
CASING CONDITION	Good	
Max Rate	7	
Max Pressure	2500	

Cement Makeup

Cement Blend	BFN III 3% BOCA-1 2546K BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	152	1.27	5.89
Annulus Factor	Capacity Factor		
.5259	.0773		
TYPE OF TREATMENT <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			
HYD HHP = RATE X PRESSURE / 40.8			
% Excess	50		
BBL to Pit	40		

DESCRIPTION OF JOB EVENTS

Mira, Safety meeting, Psi test to 1000 Psi, Circ 40 bbls H₂O with KCL + Dye x 16 in 2nd 10669 Mix + pump tell good Dye is seen at 15.216 1.27 yield, Drop plug, Displace 45.4 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min then bleed off Psi, Casing Psi Test 1000 Psi for 15 min, then bleed off Psi, Wash up, Rig down

X *Woody Beasley*

Authorization To Proceed

Title

X 4-7-13
 Date